

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number		10/659,494	
				Filing Date		Herewith	
				First Named Inventor		KUSUNOKI	
				Group Art Unit		2853	
				Examiner Name		Juanita Stephens	
Sheet	1	of	1	Attorney Docket Number		03531/LH	

U.S. PATENT DOCUMENTS

Exam. Inits ¹	Cite No ²	Document Number	Kind Code ³	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
B.S.		4,879,568		Bartky et al	11-07-1989	347/69
		5,030,973		Nonoyama et al	07-09-1991	347/83
		5,774,145	A	Morita et al.	06-30-1998	347/47
		6,106,106	A	Nakazawa et al	08-22-2000	347/68
<hr/>						

FOREIGN PATENT DOCUMENTS

Exam Inits ¹	Cite No ²	Offt ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
B.S.		JP	63-252750	A		10-19-1988		
		JP	2000-135787	A	Miyazawa	05-16-2000	B4J	2/045
			*English abstract attached.					
<hr/>								

Examiner Signature	Juanita Stephens	Date Considered	11/22/04
--------------------	------------------	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

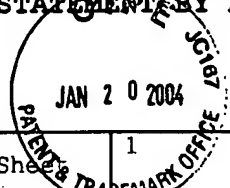
DATE MAILED: September 10, 2003

Please type a plus sign (+) inside this box →


+

PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

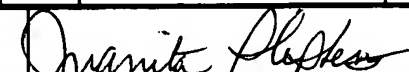
Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT 		Application Number	10/659,494
		Filing Date	September 10, 2003
		First Named Inventor	Ryutaro KUSUNOKI
		Group Art Unit	2853
		Examiner Name	Juanita Stephens
Sheet 1 of 1	Attorney Docket Number	03531/LH	

U.S. PATENT DOCUMENTS

Exam. Inits ¹	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
		6,328,397	B1	Shimizu et al	12-11-2001	347/10
		6,431,682	B1	OSADA et al	08-13-2002	347/47
<div></div>						

FOREIGN PATENT DOCUMENTS

Exam Inits ¹	Cite No ¹	Offc ¹	Document Number ¹	Kind Code ³	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶

Examiner Signature: 	Date Considered: 11/22/04
---	---------------------------

* EXAMINER: Initial ☒ reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

DATE MAILED: January 15, 2004